```
=> d his

     (FILE 'HOME' ENTERED AT 11:53:49 ON 13 NOV 2007)

     FILE 'REGISTRY' ENTERED AT 11:54:01 ON 13 NOV 2007
L1              STRUCTURE UPLOADED
L2         28 S L1 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 11:54:54 ON 13 NOV 2007
L3          3 S L2 AND LABEL?

     FILE 'HCAPLUS' ENTERED AT 12:07:11 ON 13 NOV 2007
L4          0 S LABEL(P)FLOURINE 18
L5          3 S FLOURINE 18
L6        728 S F 18
L7         69 S L6(P)FLUORINE
L8          2 S L7(P)PEPTIDE?

     FILE 'STNGUIDE' ENTERED AT 12:11:54 ON 13 NOV 2007

     FILE 'REGISTRY' ENTERED AT 12:12:32 ON 13 NOV 2007
L9         13 S GFDERADVETLRKAMK/SQSP

     FILE 'HCAPLUS' ENTERED AT 12:13:11 ON 13 NOV 2007
L10         4 S L9
L11      7367 S ANNEXIN
L12       363 S L11(P)PEPTIDE

     FILE 'REGISTRY' ENTERED AT 12:20:42 ON 13 NOV 2007
L13         2 S GFDPNQDAEALRTAMKGFGSDEEAILDIITSR/SQSP

     FILE 'HCAPLUS' ENTERED AT 12:21:09 ON 13 NOV 2007
L14         2 S L13

     FILE 'REGISTRY' ENTERED AT 12:22:40 ON 13 NOV 2007
L15       850 S ANNEXIN
L16         0 S L15/NTE
L17         0 S L15/CN
L18       296 S L15 AND PROTEIN

     FILE 'HCAPLUS' ENTERED AT 12:23:53 ON 13 NOV 2007
L19      1206 S ANNEXIN(P)FLUOR?
L20       403 S ANNEXIN(P)FLUOR?(P)LABEL?
L21        10 S ANNEXIN(P)FLUORIN?(P)LABEL?

     FILE 'REGISTRY' ENTERED AT 12:27:45 ON 13 NOV 2007
L22       129 S ANNEXIN V
L23        57 S L22 AND PROTEIN?

     FILE 'STNGUIDE' ENTERED AT 12:31:13 ON 13 NOV 2007
L24         0 S [VA][RNDCQEGHKXPSTY]
L25         0 S [VA][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][IL]R[RNDCQEGHKXPSTY][RND

     FILE 'REGISTRY' ENTERED AT 12:35:03 ON 13 NOV 2007
L26         0 S [VA][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][IL]R[RNDCQEGHKXPSTY][RND

     FILE 'STNGUIDE' ENTERED AT 12:35:35 ON 13 NOV 2007
L27         0 S [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPS

     FILE 'REGISTRY' ENTERED AT 12:37:11 ON 13 NOV 2007
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L28        52767 S [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPS
L29            0 S L28 AND ANXXIN
L30            0 S L28 AND ANNEXIN
L31        52767 S L28

    FILE 'HCAPLUS' ENTERED AT 12:38:03 ON 13 NOV 2007
L32         9772 S L31
L33           89 S L32 AND ANNEXIN?
L34            0 S L32 AND FLOURIN?
L35           13 S L32 AND FLUORIN?

    FILE 'STNGUIDE' ENTERED AT 12:41:35 ON 13 NOV 2007

    FILE 'REGISTRY' ENTERED AT 12:48:52 ON 13 NOV 2007
L36            0 S [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHK
L37            0 S [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHK
L38            0 S [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPS
L39 (    4548279)S [ACGILMFWYV][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][

    FILE 'STNGUIDE' ENTERED AT 12:52:55 ON 13 NOV 2007

    FILE 'REGISTRY' ENTERED AT 13:01:50 ON 13 NOV 2007
L40            0 S [DE][VA]..[IL]R..[MI]KG[ANCQGHILMFSTWYV]GT.E..[IL][LIV]..R.[R

    FILE 'STNGUIDE' ENTERED AT 13:02:27 ON 13 NOV 2007
L41            0 S ......[DE][VA]..[ILE]R..[MI]KG[ANCQGHILMFSTWYV]GT.E..[IL]...[

    FILE 'REGISTRY' ENTERED AT 13:06:09 ON 13 NOV 2007
L42            0 S ......[DE][VA]..[ILE]R..[MI]KG[ANCQGHILMFSTWYV]GT.E..[IL]...[

    FILE 'STNGUIDE' ENTERED AT 13:06:21 ON 13 NOV 2007

    FILE 'STNGUIDE' ENTERED AT 13:06:52 ON 13 NOV 2007
L43            0 S ......[DE][ACGILMFWYV]..[ACGILMFWYV]R..[ACGILMFWYV]KG[ANCQGHI

    FILE 'REGISTRY' ENTERED AT 13:09:24 ON 13 NOV 2007
L44          240 S ......[DE][ACGILMFWYV]..[ACGILMFWYV]R..[ACGILMFWYV]KG[ANCQGHI

    FILE 'HCAPLUS' ENTERED AT 13:09:34 ON 13 NOV 2007
L45          136 S L44
L46           57 S L45 AND ANNEXIN

    FILE 'HCAPLUS' ENTERED AT 13:11:20 ON 13 NOV 2007

    FILE 'REGISTRY' ENTERED AT 13:11:24 ON 13 NOV 2007
L47            1 S L44 AND   952451-94-4/RN

    FILE 'STNGUIDE' ENTERED AT 13:11:54 ON 13 NOV 2007
```

```
=> s
......[de][acgilmfwyv]..[acgilmfwyv]r..[acgilmfwyv]kg[ancqghilmfstwyv]gt.e..[acgilmf
wyv]...[acgilmfwyv]..r....[racgilmfwyv]..[acgilmfwyv]...[acgilmfwyv].....r.[acgilmfw
yv]..d[acgilmfwyv]ks[edkr]l....[edkr]..[acgilmfwyv]...[acgilmfwyv].../sqsp
L44          240  ......[DE][ACGILMFWYV]..[ACGILMFWYV]R..[ACGILMFWYV]KG[ANCQGHILMF
                  STWYV]GT.E..[ACGILMFWYV]...[ACGILMFWYV]..R....[RACGILMFWYV]..[AC
                  GILMFWYV]...[ACGILMFWYV].....R.[ACGILMFWYV]..D[ACGILMFWYV]KS[EDKR
                  ]L....[EDKR]..[ACGILMFWYV]...[ACGILMFWYV].../SQSP
```

```
=> s
......[de][acgilmfwyv]..[acgilmfwyv]r..[acgilmfwyv]kg[ancqghilmfstwyv]gt.e..[acgilmf
wyv]...[acgilmfwyv]..r....[racgilmfwyv]..[acgilmfwyv]...[acgilmfwyv].....r.[acgilmfw
yv]..d[acgilmfwyv]ks[edkr]l....[edkr]..[acgilmfwyv]...[acgilmfwyv].../sqsp
'SQSP' IS NOT A VALID FIELD CODE
L43           0 ......[DE][ACGILMFWYV]..[ACGILMFWYV]R..[ACGILMFWYV]KG[ANCQGHILMF
                STWYV]GT.E..[ACGILMFWYV]...[ACGILMFWYV]..R....[RACGILMFWYV]..[AC
                GILMFWYV]...[ACGILMFWYV].....R.[ACGILMFWYV]..D[ACGILMFWYV]KS[EDKR
                ]L....[EDKR]..[ACGILMFWYV]...[ACGILMFWYV].../SQSP
```

```
=> s [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY]
[RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY][de] [acgilmfwyv] [RNDCQEGHKXPSTY]
[RNDCQEGHKXPSTY] [acgilmfwyv]r[RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
[acgilmfwyv]kg[ancqghilmfstwyv]gt[RNDCQEGHKXPSTY]
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
              136432  DE
                    0  ACGILMFWYV
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  ACGILMFWYV
              860863  R
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  ACGILMFWYV
                4517  KG
                    0  ANCQGHILMFSTWYV
                1104  GT
                    0  RNDCQEGHKXPSTY
   L36              0  [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPS
                       TY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY][DE] [ACGILMFWYV] [RNDCQEGH
                       KXPSTY] [RNDCQEGHKXPSTY] [ACGILMFWYV]R[RNDCQEGHKXPSTY][RNDCQEGHKX
                       PSTY] [ACGILMFWYV]KG[ANCQGHILMFSTWYV]GT[RNDCQEGHKXPSTY]
                          (RNDCQEGHKXPSTY(W) RNDCQEGHKXPSTY(W) RNDCQEGHKXPSTY(W) RNDCQEGHKX
                          PSTY(W) RNDCQEGHKXPSTY(W) RNDCQEGHKXPSTY(W) DE(W) ACGILMFWYV(W) RND
                          CQEGHKXPSTY(W) RNDCQEGHKXPSTY(W) ACGILMFWYV(W) R(W) RNDCQEGHKXPSTY
                          (W) RNDCQEGHKXPSTY(W) ACGILMFWYV(W) KG(W) ANCQGHILMFSTWYV(W) GT(W) R
                          NDCQEGHKXPSTY)

 => s [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY]
[RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY][de] [acgilmfwyv] [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
[acgilmfwyv]r[RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
[acgilmfwyv]kg[ancqghilmfstwyv]gt[RNDCQEGHKXPSTY]
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
              136432  DE
                    0  ACGILMFWYV
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  ACGILMFWYV
              860863  R
                    0  RNDCQEGHKXPSTY
                    0  RNDCQEGHKXPSTY
                    0  ACGILMFWYV
                4517  KG
                    0  ANCQGHILMFSTWYV
                1104  GT
                    0  RNDCQEGHKXPSTY
   L37              0  [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPS
                       TY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY][DE] [ACGILMFWYV] [RNDCQEGH
                       KXPSTY][RNDCQEGHKXPSTY] [ACGILMFWYV]R[RNDCQEGHKXPSTY][RNDCQEGHKXP
```

```
STY] [ACGILMFWYV]KG[ANCQGHILMFSTWYV]GT[RNDCQEGHKXPSTY]
    (RNDCQEGHKXPSTY(W)RNDCQEGHKXPSTY(W)RNDCQEGHKXPSTY(W)RNDCQEGHKX
    PSTY(W)RNDCQEGHKXPSTY(W)RNDCQEGHKXPSTY(W)DE(W)ACGILMFWYV(W)RND
    CQEGHKXPSTY(W)RNDCQEGHKXPSTY(W)ACGILMFWYV(W)R(W)RNDCQEGHKXPSTY
    (W)RNDCQEGHKXPSTY(W)ACGILMFWYV(W)KG(W)ANCQGHILMFSTWYV(W)GT(W)R
    NDCQEGHKXPSTY)

=> s [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY]
[RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY][de] [acgilmfwyv] [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
[acgilmfwyv]r[RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
[acgilmfwyv]kg[ancqghilmfstwyv]gt[RNDCQEGHKXPSTY]/sqsp
    IS NOT A VALID AMINO ACID SYMBOL

=> s
[RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RND
CQEGHKXPSTY][de][acgilmfwyv][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][acgilmfwyv]r[RNDCQEGHKX
PSTY][RNDCQEGHKXPSTY][acgilmfwyv]kg[ancqghilmfstwyv]gt[RNDCQEGHKXPSTY]/sqsp
L38          0  [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]
                [RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][DE][ACGILMFWYV][RNDCQEGHKXPSTY]
                [RNDCQEGHKXPSTY][ACGILMFWYV]R[RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][ACG
                ILMFWYV]KG[ANCQGHILMFSTWYV]GT[RNDCQEGHKXPSTY]/SQSP

=> s [acgilmfwyv] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [acgilmfwyv]
[RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY] [RNDCQEGHKXPSTY]/sqsp
    IS NOT A VALID AMINO ACID SYMBOL

=> s
[acgilmfwyv][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][acgilmfwyv][RNDCQEGHKXP
STY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]/sqsp
L39    4548279 [ACGILMFWYV][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][ACG
                ILMFWYV][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY][RNDCQEGHKXPSTY]/SQSP
```

L47   ANSWER 1 OF 1   REGISTRY   COPYRIGHT 2007 ACS on STN
RN   *952451-94-4*   REGISTRY
CN   Annexin V (human)   (CA INDEX NAME)
OTHER NAMES:
CN   2: PN: US20070243561 SEQID: 2 claimed protein
FS   PROTEIN SEQUENCE
SQL   320

PATENT ANNOTATIONS (PNTE):
Sequence |Patent
Source |Reference
=========+==============
Not Given|US2007243561
         |claimed SEQID
         |2

SEQ   1 MAQVLRGTVT DFPGFDERAD AETLRKAMKG LGTDEESILT LLTSRSNAQR
             ======= ========== ========== ==========
          51 QEISAAFKTL FGRDLLDDLK SELTGKFEKL IVALMKPSRL YDAYELKHAL
             ========== ========== ========== ========
         101 KGAGTNEKVL TEIIASRTPE ELRAIKQVYE EEYGSSLEDD VVGDTSGYYQ
         151 RMLVVLLQAN RDPDAGIDEA QVEQDAQALF QAGELKWGTD EEKFITIFGT
         201 RSVSHLRKVF DKYMTISGFQ IEETIDRETS GNLEQLLLAV VKSIRSIPAY
         251 LAETLYYAMK GAGTDDHTLI RVMVSRSEID LFNIRKEFRK NFATSLYSMI
         301 KGDTSGDYKK ALLLLCGEDD
HITS AT: 14-88

RELATED SEQUENCES AVAILABLE WITH SEQLINK
MF   Unspecified
CI   MAN
SR   CA
LC   STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
      PRP (Properties); USES (Uses)
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)